

FILE 'GENBANK' ENTERED AT 12:56:54 ON 15 APR 1999

L1 1 S AA132964
L2 0 S THC197949
L3 417712 S TIGR
L4 0 S L3 AND 197949
L5 1 S T70439
L6 0 S T197949
L7 0 S TTTTNAAAATACGCTA?/SEQ
L8 0 S TTTTNAAAATACGCTA?
L9 0 S TTTTNAAAATAGCTA?

(FILE 'USPAT' ENTERED AT 11:52:37 ON 15 APR 1999)

E LOK/IN
L1 3 S E21
E ADAMS, R/IN
L2 3 S E69
E JELMBERG, A/IN
E WHITMORE, T/IN
E FARRAH, TE/IN
L3 1 S E4
L4 7 S L1 OR L2 OR L3
L5 0 S CYTOKINE RECEPTOR(2W) (11)
L6 1 S ZCYTOR?

1. 5,827,552, Oct. 27, 1998, Production of fermented food products; Stanley E. Mainzer, et al., 426/7, 34, 42, 43, 61; 435/99, 170, 207, 252.3, 252.4, 252.9 [IMAGE AVAILABLE]
2. 5,776,725, Jul. 7, 1998, Recombinant production of glucagon receptors; Wayne R. Kindsvoegel, et al., 435/69.1, 252.3, 254.11, 320.1, 325; 536/23.5, 24.31 [IMAGE AVAILABLE]
3. 5,770,445, Jun. 23, 1998, Glucagon receptor proteins, peptides, and antibodies; Wayne R. Kindsvoegel, et al., 435/334; 514/2; 530/324, 325, 326, 327, 328, 350, 388.22, 389.1 [IMAGE AVAILABLE]
4. 5,753,462, May 19, 1998, Secretion leader trap cloning method; **Si Lok**, 435/6, 69.1; 536/23.1 [IMAGE AVAILABLE]
5. 5,726,286, Mar. 10, 1998, Isolated epstein-barr virus BZLF2 proteins that bind MHC class II beta chains; Mark Alderson, et al., 530/300; 435/69.3; 530/350 [IMAGE AVAILABLE]
6. 5,639,648, Jun. 17, 1997, Production of fermented food; Stanley E. Mainzer, et al., 435/207, 69.1, 252.3, 320.1; 536/23.2 [IMAGE AVAILABLE]
7. 5,411,873, May 2, 1995, Process for producing heterologous polypeptides; **Robin M. Adams**, et al., 435/69.1, 69.7, 69.8 [IMAGE AVAILABLE]

=> d his

(FILE 'USPAT' ENTERED AT 11:52:37 ON 15 APR 1999)
E LOK/IN
L1 3 S E21
 E ADAMS, R/IN
L2 3 S E69
 E JELMBERG, A/IN
 E WHITMORE, T/IN
 E FARRAH, TE/IN
L3 1 S E4
L4 7 S L1 OR L2 OR L3

LOCUS (LOC): **T70439** GenBank (R)
 GenBank ACC. NO. (GBN): **T70439**
 CAS REGISTRY NO. (RN): 163824-93-9
 SEQUENCE LENGTH (SQL): 418
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Expressed sequence tag
 DATE (DATE): 7 Mar 1995
 DEFINITION (DEF): yd13h08.r1 Homo sapiens cDNA clone 67071 5'.
 KEYWORDS (ST): EST
 SOURCE:
 human clone=67071 library=Soares fetal liver spleen
 1NFLS vector=pT7T3D (Pharmacia) with a modified
 polylinker host=DH10B (ampicillin resistant)
 primer=M13RP1 Rsitel=Pac I Rsite2=Eco RI Liver and
 spleen from a 20 week-post conception male fetus. 1st
 strand cDNA was primed with a Pac I - oligo(dT) primer
 [5' AACTGGAAGAATTAATTAAAGATCTTTTTTTTTTTTT 3'],
 double-stranded cDNA was ligated to Eco RI adaptors
 (Pharmacia), digested with Pac I and cloned into the
 Pac I and Eco RI sites of the modified pT7T3 vector.
 Library went through one round of normalization.
 Library constructed by Bento Soares and M.Fatima
 Bonaldo.
 ORGANISM (ORGN): Homo sapiens
 Eucaryotae; Metazoa; Chordata; Vertebrata;
 Gnathostomata; Mammalia; Eutheria; Primates;
 Catarrhini; Hominidae; Homo
 NUCLEIC ACID COUNT (NA): 104 a 109 c 110 g 91 t 4 others
 COMMENT:
 Contact: Wilson RK
 WashU-Merck EST Project
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 High qality sequence stops: 387
 Source: IMAGE Consortium, LLNL
 This clone is available royalty-free through LLNL ; contact the
 IMAGE Consortium (info@image.llnl.gov) for further information.
 REFERENCE: 1 (bases 1 to 418)
 AUTHOR (AU): Hillier,L.; Clark,N.; Dubuque,T.; Elliston,K.;
 Hawkins,M.; Holman,M.; Hultman,M.; Kucaba,T.; Le,M.;
 Lennon,G.; Marra,M.; Parsons,J.; Rifkin,L.;
 Rohlfing,T.; Soares,M.; Tan,F.; Trevaskis,E.;
 Waterston,R.; Williamson,A.; Wohldmann,P.; Wilson,R.
 TITLE (TI): The WashU-Merck EST Project
 JOURNAL (SO): Unpublished (1995)

FEATURES (FEAT):

Feature	Key	Location	Qualifier
<hr/>			
source		1..418	/organism="Homo sapiens" /clone="67071"

SEQUENCE (SEQ):

```

1 ggcacgagct cctaaccacca tggattcaaa gtgctcagg aatttgcctc tccttgcccc
61 attcctggcc agtttcacaa tctagctcg a cagcagt a gggccctgcc tctttctgtc
121 attgttcaaa ggtggaaaga gagcctggaa aagaaccagg cctggaaaag aaccagaagg
181 aggctggca gaaccagaac aacctgcact tctgccaagg ccaggcagc aggacggcag
241 gacttcttagg gaggggtgtt gcctgcagct tcattcccag ccaggcAAC tgcttnacgt

```

301 ttgcacgatt ttcagctt~~t~~c atttcctctg attagaacaa agcgaa~~t~~c aggttccacc
361 a~~gggg~~agg~~gggg~~ agacaca~~t~~ gcttttttn cagggcagga gttttca~~t~~c ctttcct

LOCUS (LOC): **AA132964** GenBank (R)
 GenBank ACC. NO. (GBN): **AA132964**
 CAS REGISTRY NO. (RN): 183777-04-0
 SEQUENCE LENGTH (SQL): 449
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Expressed sequence tag
 DATE (DATE): 27 Nov 1996
 DEFINITION (DEF): zo22b02.s1 Stratagene colon (#937204) Homo sapiens
 cDNA
 clone 587595 3'.
 KEYWORDS (ST): EST
 SOURCE: human.
 ORGANISM (ORGN): Homo sapiens
 Eukaryotae; mitochondrial eukaryotes; Metazoa;
 Chordata; Vertebrata; Eutheria; Primates; Catarrhini;
 Hominidae; Homo
 NUCLEIC ACID COUNT (NA): 110 a 108 c 109 g 121 t 1 others
 COMMENT:
 Contact: Wilson RK
 WashU-Merck EST Project
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 This clone is available royalty-free through LLNL ; contact the
 IMAGE Consortium (info@image.llnl.gov) for further information.
 Seq primer: -40M13 fwd. from Amersham
 High quality sequence stop: 360.
 REFERENCE:
 AUTHOR (AU): Hillier,L.; Clark,N.; Dubuque,T.; Elliston,K.;
 Hawkins,M.; Holman,M.; Hultman,M.; Kucaba,T.; Le,M.;
 Lennon,G.; Marra,M.; Parsons,J.; Rifkin,L.;
 Rohlfing,T.; Tan,F.; Trevaskis,E.; Waterston,R.;
 Williamson,A.; Wohldmann,P.; Wilson,R.
 TITLE (TI): WashU-Merck EST Project
 JOURNAL (SO): Unpublished (1995)
 FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..449	/organism="Homo sapiens" /note="Organ: colon; Vector: pBluescript SK-; Site-1: EcoRI; Site-2: XhoI; Cloned unidirectionally. Primer: Oligo dT. T-84 colonic epithelial cell line. Average insert size: 1.0 kb; Uni-ZAP XR Vector; ~5' adaptor sequence: 5' GAATTCTGGCACGAG 3' ~3' adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTTTT /clone="587595" /clone-lib="Stratagene colon (#937204)" /lab-host="SOLR cells (kanamycin resistant)"
mRNA	complement(<1..>449)	

 SEQUENCE (SEQ):

1 aaatagctac cgtttattgg gcactgc~~at~~gt acccaggca ctatta~~aa~~ ctttaaagac
61 atgacttcat ttcatc~~cc~~ ccacaactcc atgaggtagg tgttat~~c~~ cccacattac
121 agatgaggaa accgag~~gg~~cc tggcactga ttcattt~~gt~~ ttgaagt~~cac~~ acagcttg
181 agtggtgagg ctgaaattt~~g~~ agcccagat~~g~~ gntgaaccc~~a~~ aggcagagct tgcaaagt~~t~~
241 tgacatc~~at~~gt acagtgtt~~tt~~ attgtaccc~~g~~ tccagggcc~~cc~~ acagccctca ctttc~~tt~~tc
301 aaacccatt ctcaggat~~at~~ ggtctgaaac tcctgc~~ct~~gc agaaaaggct t~~gt~~gtgt~~c~~tc
361 cctccctggt ggacctgcat ttgc~~ttt~~gt tctatcagag gaatgaagct gaaatcgt~~gc~~
421 aacgtcaggc agttgc~~cc~~ctg gctggaaat